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Introduction

4RSM/4FS (include 3RSM/3FS) magic mirror system **(also call the facial scan system) is one of the best professionals equipments for medical and skin treatment users.**

This guide is a basic manual for new user. Please see the "User Manual" inside CD-ROM for more detail new upgrade information.

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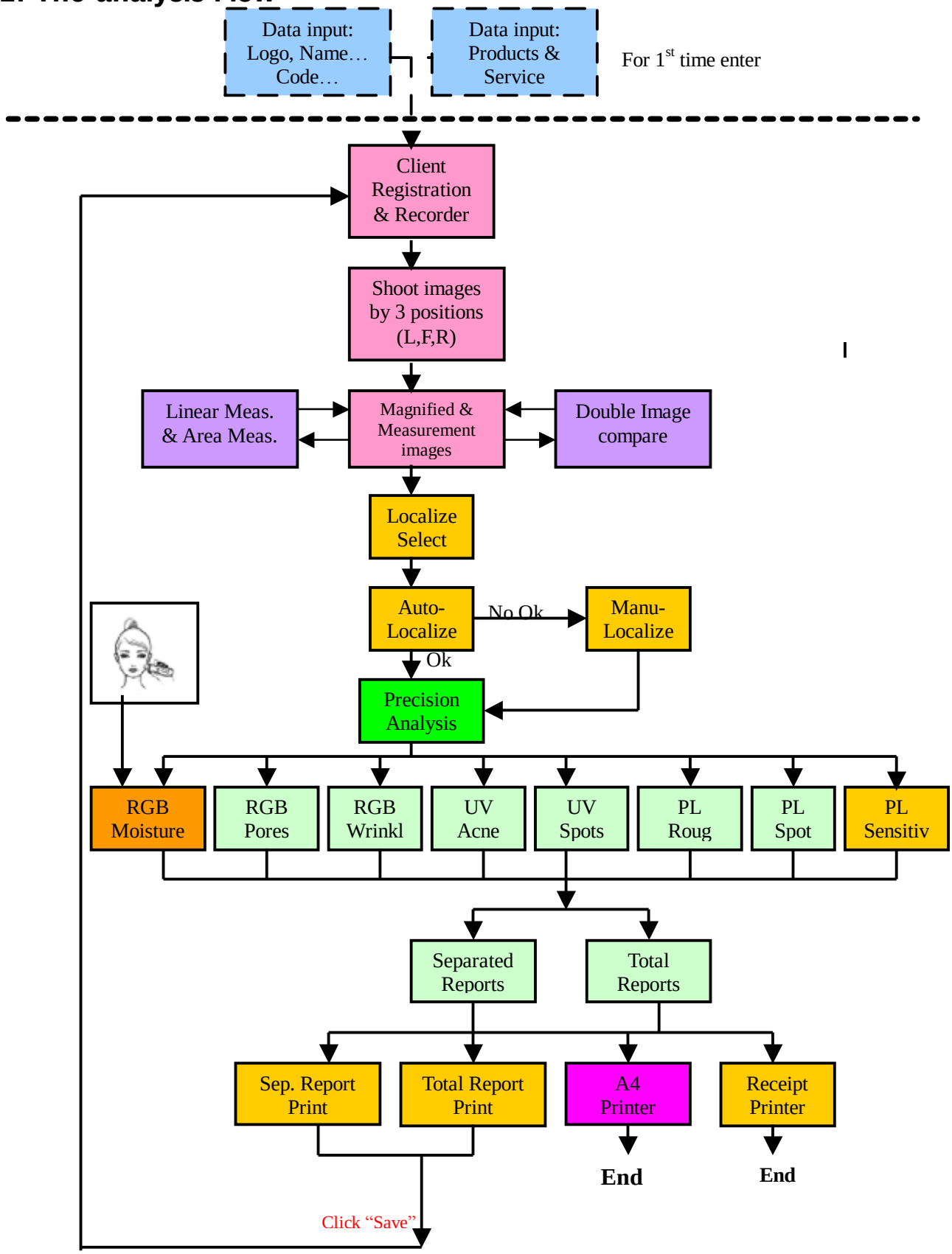
1. The analysis Flow



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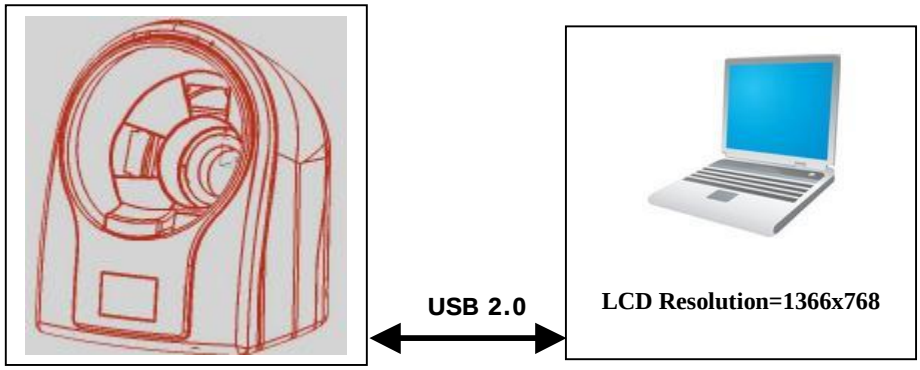
2. System connect

***4RSM/4FS* system using one USB 2.0 cable, connecting figure is as below:**



3-1 OS system and Model No.

Model	Camera	Resolution	Windows OS	RGB/UV/PL
FS-800	SP-350	1280x800	Windows XP only	RGB/UV
RSM9/FS12	Canon SX110/G9	1280x800	Windows XP/Windows Vista/7/8	RGB/UV
RSM12/FS15	Canon G9/G10	1280x800		
4RSM/4FS 3RSM/3FS	Canon G9/G10	1366x768	Windows XP/Windows Vista/7/8	RGB/UV/PL

(Q) What is different 4RSM/4FS with 3RSM/3FS?
(A) 3RSM/3FS used one fixed PL lens to set front of Camera's Len. 4RSM/4FS used the program control X-Lens switch system to get very high-quality RGB/UV/PL images.

3-2 Minimum equipment for Hardware

ITEM	Minimum	Recommend	Note
CPU	Core2	Itel i3/i5/i7	
Hard Driver	160 GB	≥360 GB	
RAM	2 MB	≥6 GB	
USB port	3	4	USB2.0 only
Monitor	1366x768	1366x768	
OS	Windows XP	Windows XP/7	

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3-3 Accessories

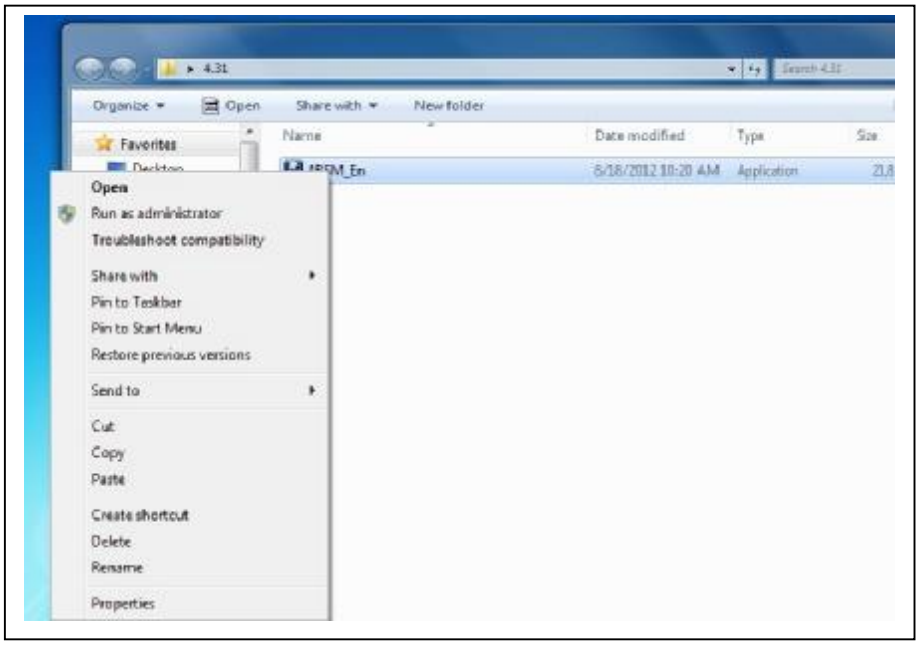
ITEM	Purpose	Note
USB 2.0 Cable Blue	1.8m High-Speed Cable (Blue Color)	USB 2.0cable only!
AC Cable	Power Cable	
Softdog	Soft-locker	

3. Install Software

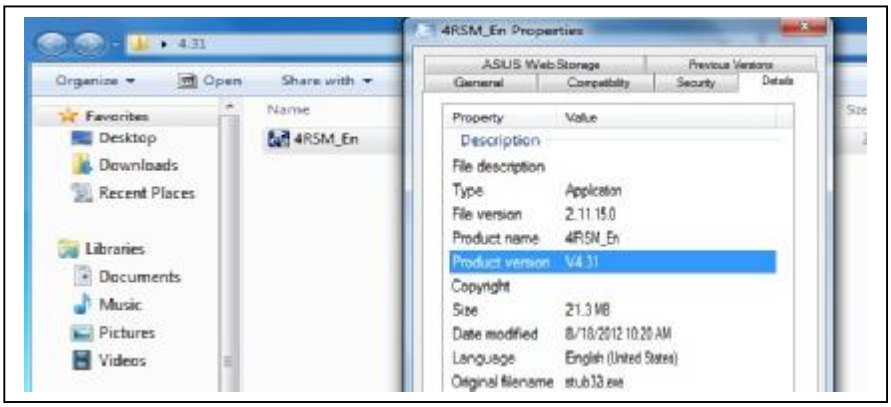
It is easy to install or upgrade *4RSM/4FS* software by one step and the software also support Windows XP, Vista and 7 OS.

3-1 before install *4RSM/4FS*

Before install 4RSM/4FS, click right button of mouse à to check the background information of the software, see the dialog as below:



Click "properties" à click "Detail" à Check "Product Version"



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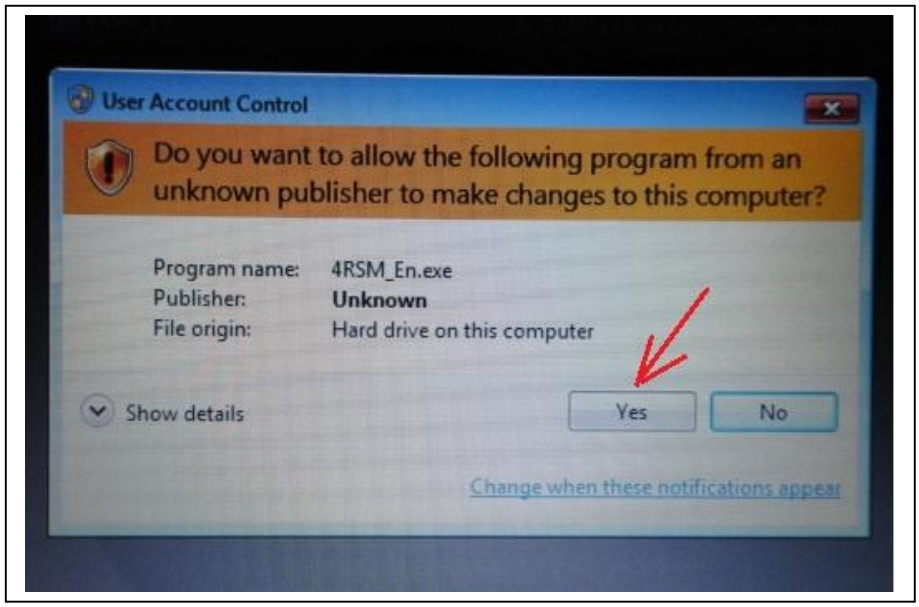
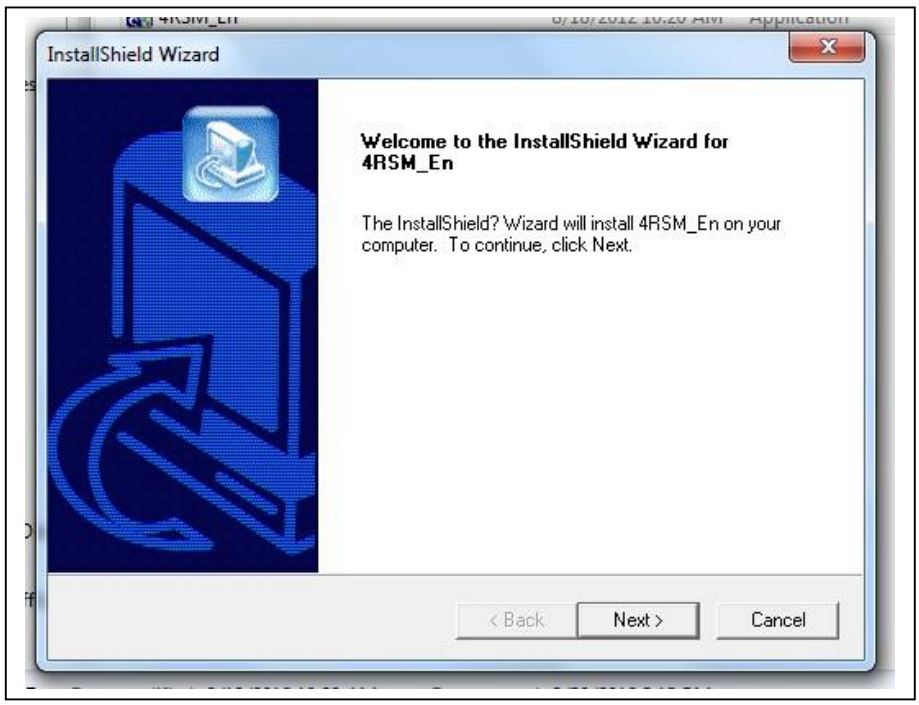
3-2 install *4RSM/4FS*

Double click the Icon of 4RSM or 4FS, appear the dialog box as below:


User Account Control
Do you want to allow the following program from an unknown publisher to make changes to this computer?
Program name: 4RSM_En.exe
Publisher: Unknown
File origin: Hard drive on this computer
Show details
Yes
No
Change when these notifications appear

Click "Yes" to next step.


InstallShield Wizard
Welcome to the InstallShield Wizard for 4RSM_En
The InstallShield? Wizard will install 4RSM_En on your computer. To continue, click Next.
< Back
Next >
Cancel

Click "Next" to next step.

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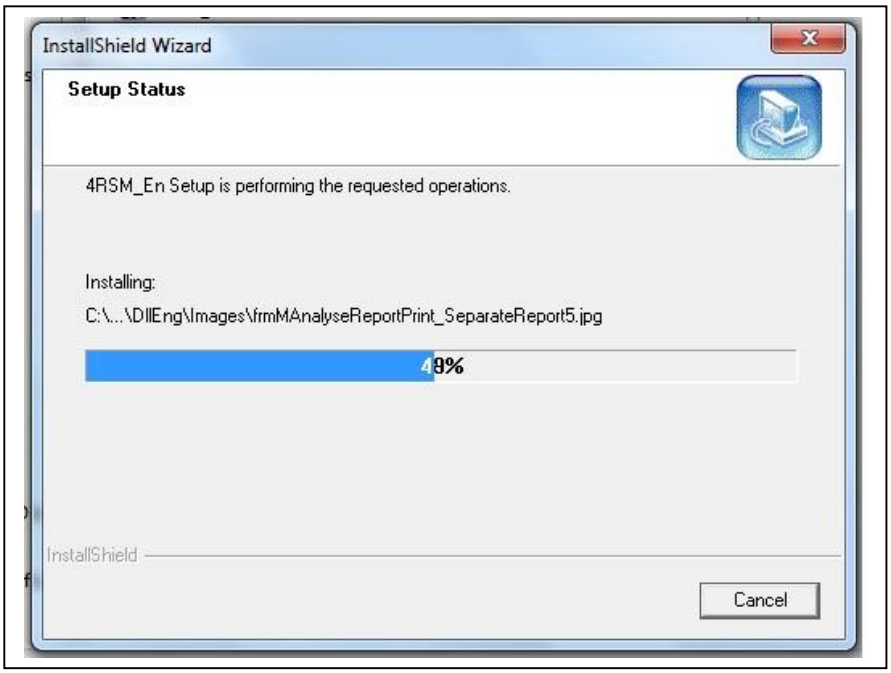
InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install 4RSM_En in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Vanton\4RSM_En
Browse...
InstallShield
< Back
Next >
Cancel

Keep the path C:\Vanton\4RSM_En à Click "Next" to next step.



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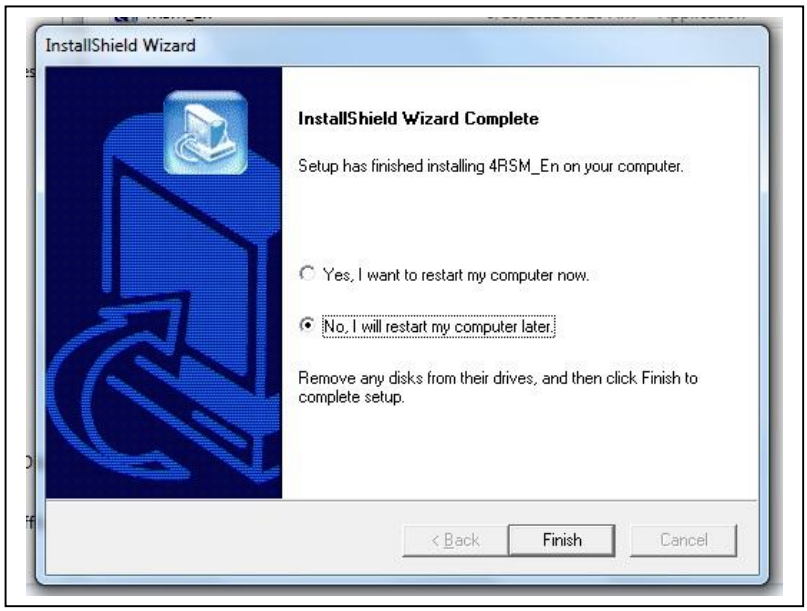
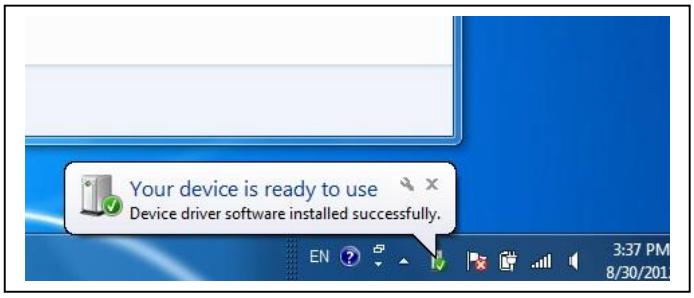

InstallShield Wizard
InstallShield Wizard Complete
Setup has finished installing 4RSM_En on your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Select "No, I will restart my computer later" à Click "Finish"

Plug-in soft-dog to the USB port of computer and the computer will recognize the device later (No hardware driver need!).



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Turn on 4RSM/4FS power SW and connect USB cable from 4RSM/4FS to the USB port of computer. You can see the dialogue box as below:

AutoPlay
Canon PowerShot G10
Always do this for this device:
Device options
Sync digital media files to this device
using Windows Media Player
Open device to view files
using Windows Explorer
Import pictures and videos
using Windows
Import pictures and videos
using Windows Live Photo Gallery
View more AutoPlay options in Control Panel

4. The Operator Software

4-4 Enter OS

Click X to closed this dialogue box à enter 4RSM/4FS

Password is 1234 à enter main interface of 4RSM/4FS

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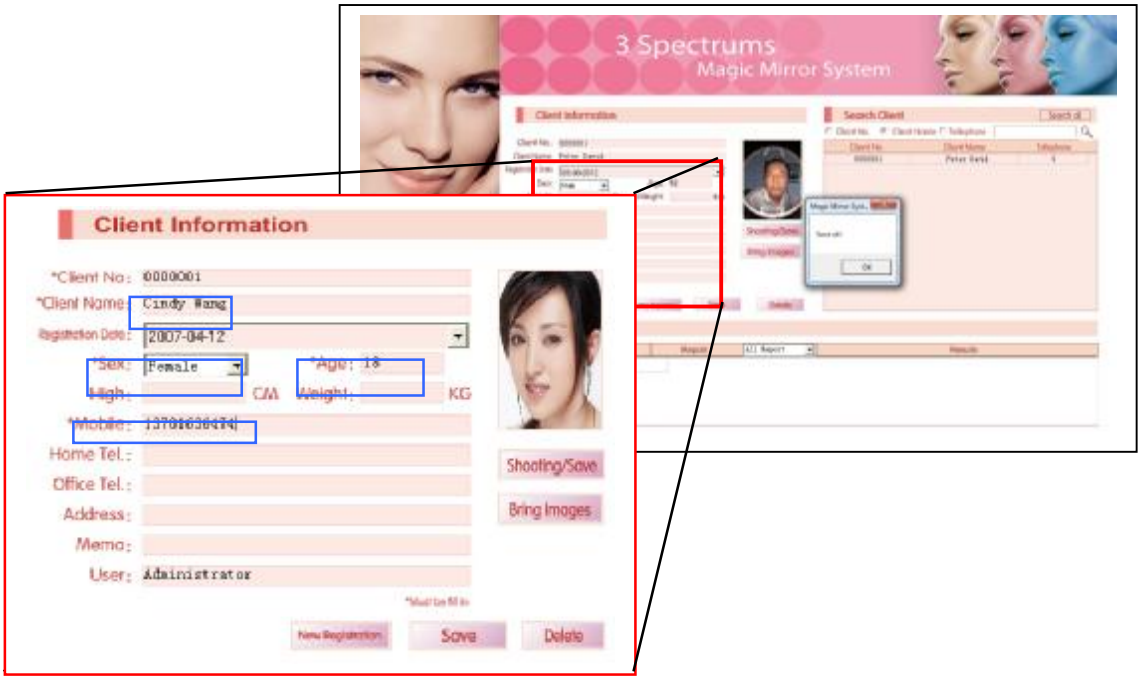
4-5 Client Management



(New Client)

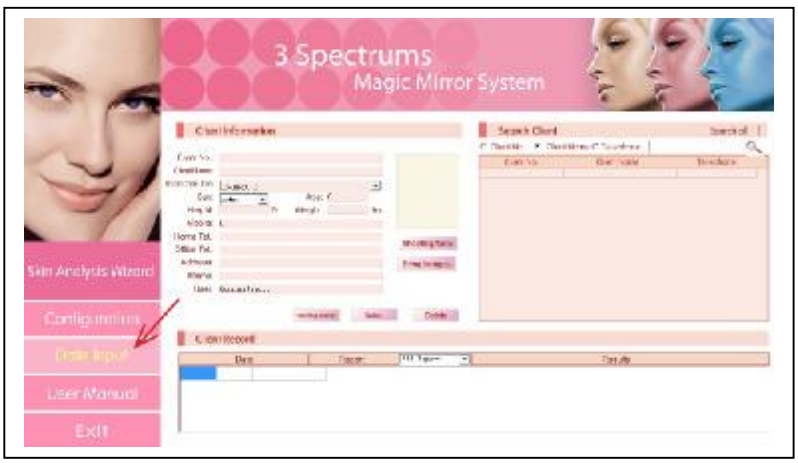
Click "New Registration" à Fill in "*Client Name" à Select "male or Female" à Fill in "Age" à Fill in "Mobile" à Click "Save" à Click "Skin Analysis Wizard" à next.

(Old Client)

Double click "Inf. Of Client" on the right side à Click "Skin Analysis Wizard" à next.

4-5-1 Data Input

For 1st time enter system, please click "Date input" à proper some information before starting.



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4-5-2 User Information

① **Input Company Information: Click "Bring image" à Company's Logo à Fill in "User Name", and Telephone à Click "Save" à finished! (This information will be appear at the final report)**

② **Operator: Click "Add" à input "Op. name" à input Password and Re-input "password" à Click "Save" à Click next "Suggestion".**

Client Back-Up: This function mode is for user to back up both client information and data storage.
Recovery: Click "Recovery" à restore the date from bock-up file automatically.

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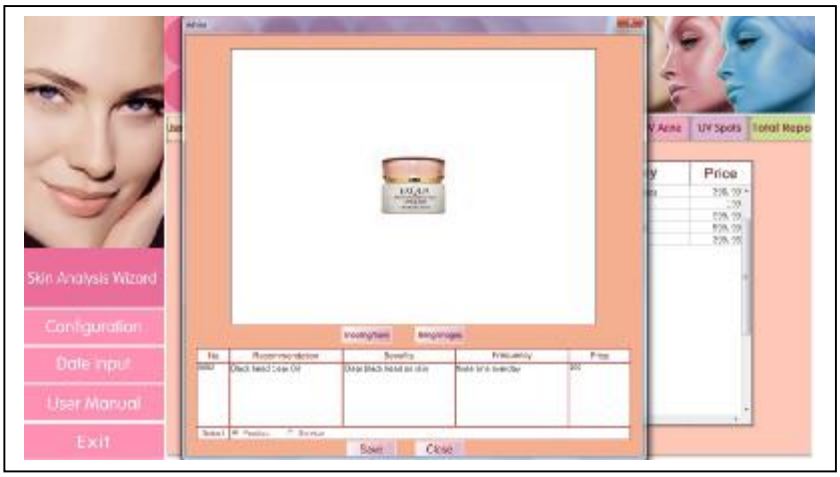
4-5-3 Pro-Recorded and 9x3=27 Pro-set reports

Attention: ***Please complete item "Pro-recorded" before making 29 sets reports!!***

Click "Add" à appear new interface (see as below) à input the image by "Shooting/Save" or "Bring Images" à input suggestion (Name) à Input "Function" à input "Operation guide" à Click "Save" à Close



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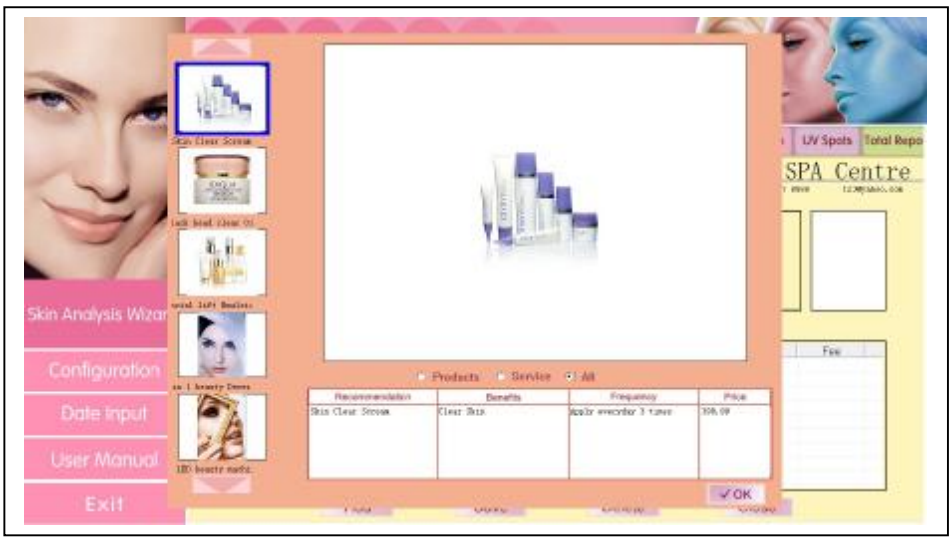
Then complete 9x3=27 reports, these reports could be automatically output by the result of analysis.

Click "Add" à Select "Products" or "Service"



Click "OK" on the right bottom à Click "Add" select next one.

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Write and make report on the <Description>

Click "Save" à completed the one of reports

Click "close" à Back to main interface

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4-5-4 Client Back-up

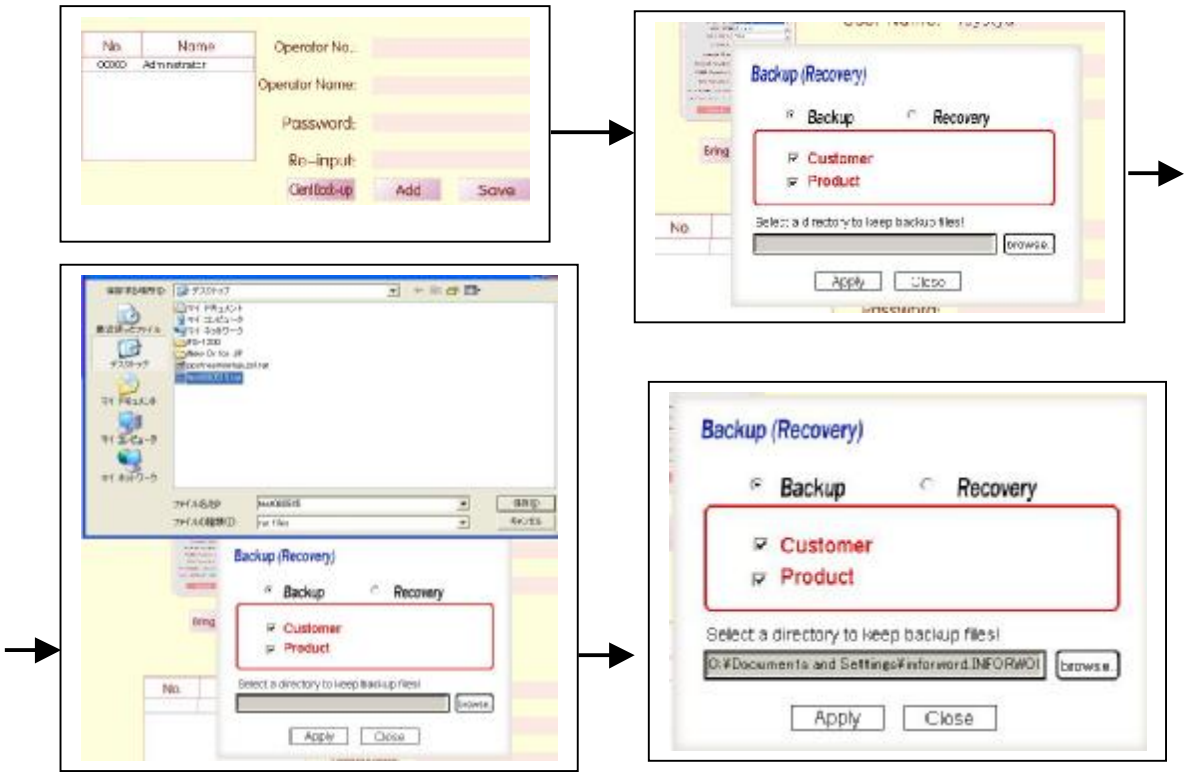
Client Back-up is one of very important functions. You can do:

(1) Restore client's information, like product's information, customer's information and soon on.

(2) Chain company will be easy to promotion the new products to every branch.

5-3-1 Backup

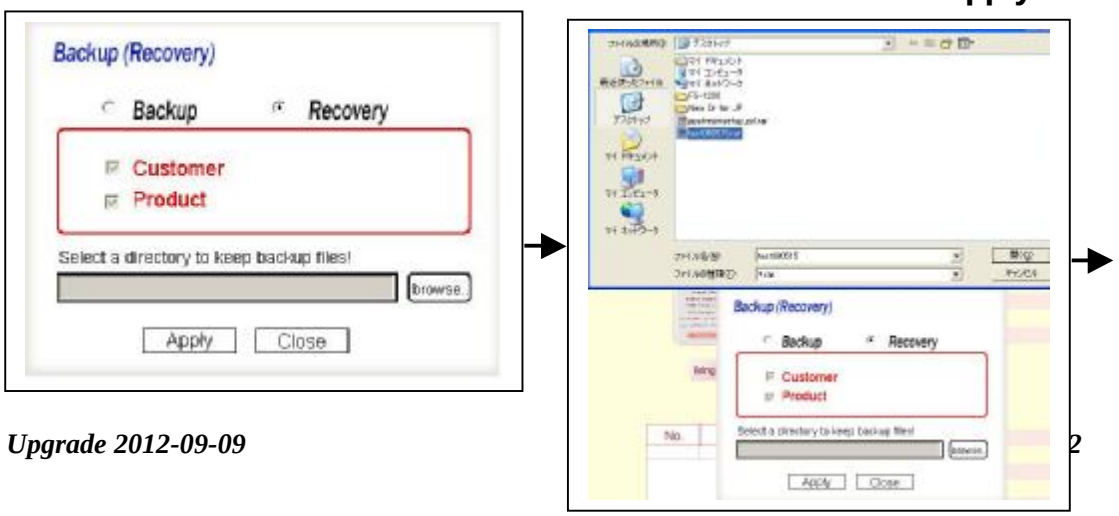
Click "Client Back-up" on the bottom of left side of Data input à Click "Backup" à Select "Customer" or "Product" à Click "browse à input the name of backup's file and position à click "Apply" à end



It will be made a huge size file after it completed "Back up".

4-5-4 Recover

Click "Recover" à click "browse" to find "XXX.rar" à Click "Apply" à end



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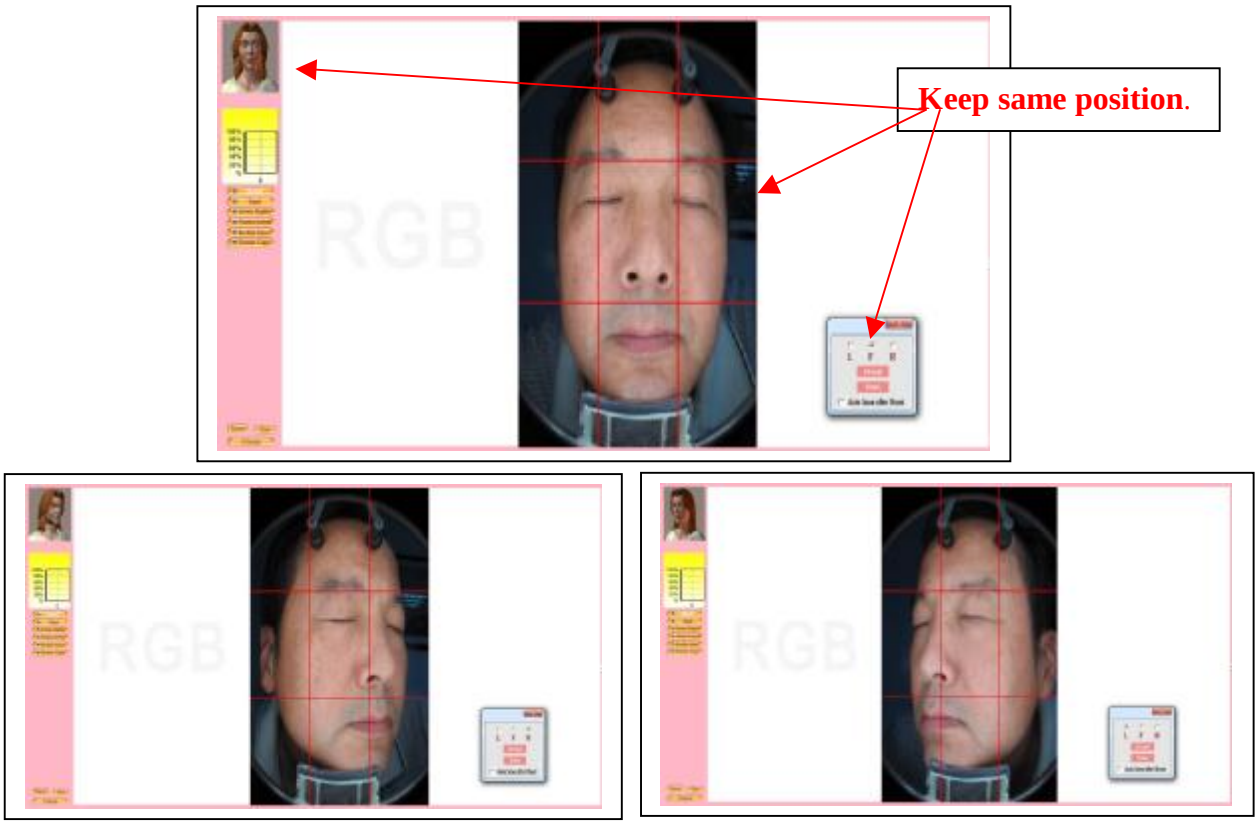
4-6 Skin Analysis Wizard

4-6-1 Select Left/Frontal/Right position before shoot

It is important to select one position from L/F/R before shooting. Other ways, you cannot got a good result after click "Analysis".

Click "Shoot" button first à Select one position from "L, F, R" à Click "Shoot" or Space key à Select next position or Click "Save" à End.



4-6-2 RGB à UV à PL shoot and L/F/R multi shoot

You can take 3 photos from RGB, UV and PL automatically after click "Shoot", also you can take 3x3=9 photos from Left, frontal to right position after click out "Auto Save after Shoot" by 4RSM/4FS.

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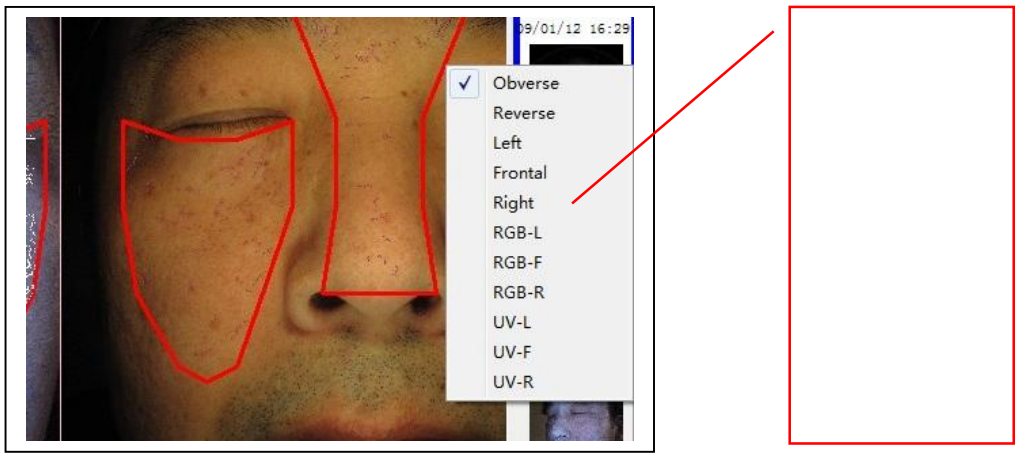
4-7 Sort & Select

This is one of very useful tools and let you to find the image quickly and easily. Move to right side small images of main menu and click the right button of mouse. You will see the small windows and you can sort & select the images you like. See the as below:

No.	Button	Describe
1	Obverse	Sort from last to Previous (Now à before)
2	Reverse	Sort from 1st to next (Before à Now)
3	Left	All left side images (RGB +UV)
4	Frontal	All Frontal side images (RGB +UV)
5	Right	All Right side Images (RGB+UV)
6	RGB-L	Only RGB Left side images
7	RGB-F	Only RGB Frontal side images
8	RGB-R	Only RGB Right side images
9	UV-L	Only UV Left side images
10	UV-F	Only UV Frontal side images
11	UV-R	Only UV Right side images



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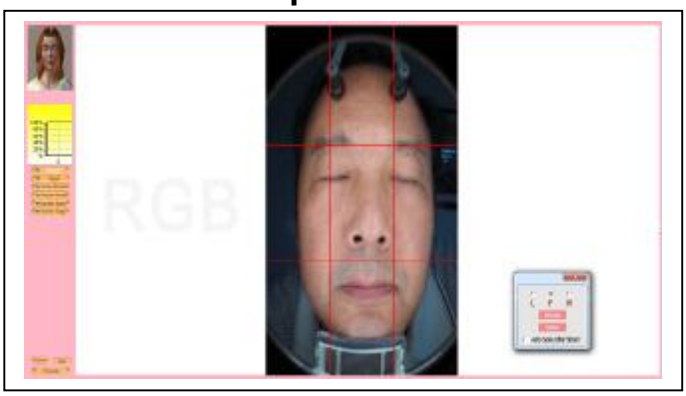
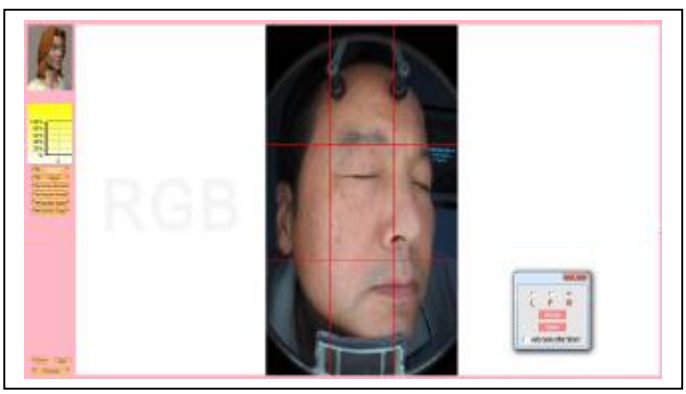
4-8 Precision Analysis

Click "Skin Analysis Wizard" à go to next main interface

Click "Shoot" à Select one of positions before shoot





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2nd or more time shoot, the Tic-Tac-Line will help you precise position before shooting.

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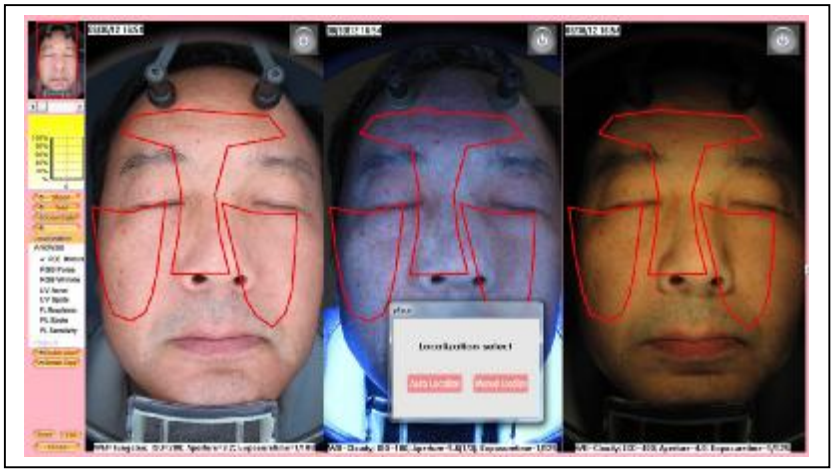
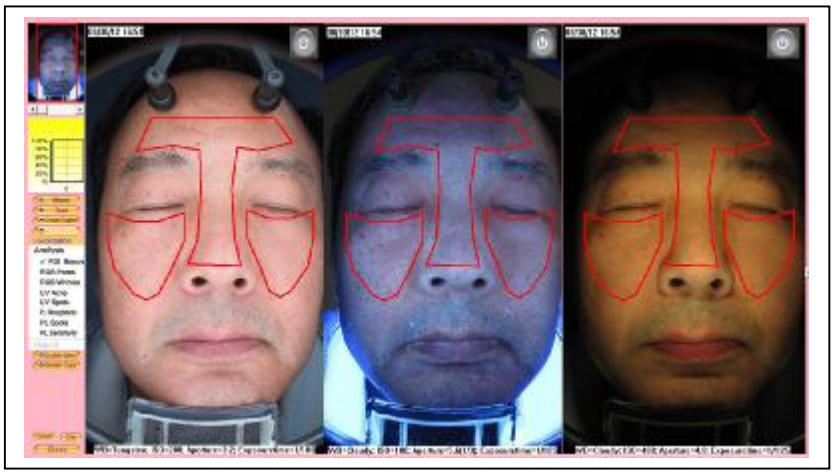
<Localizer>

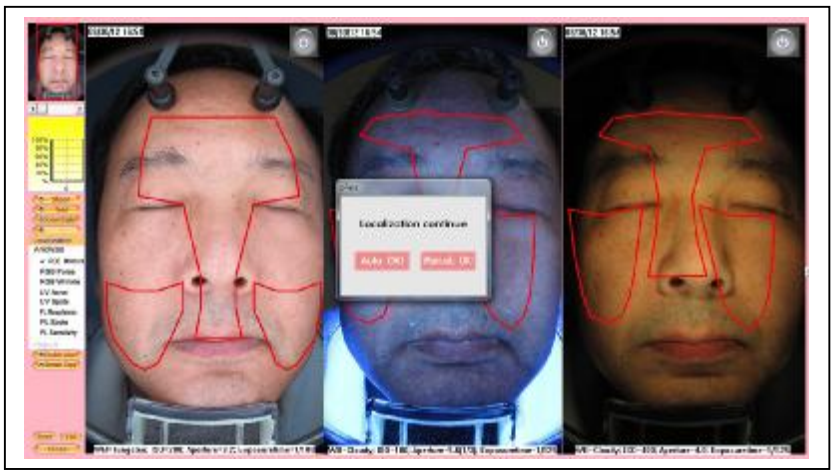
Click "Localization" à then click "Auto Localize" or "Manu Localize"



"Auto Localize" is success as below:



"Auto Localize" is not success as below:



Click "Manual: Ok" à back to manual localization

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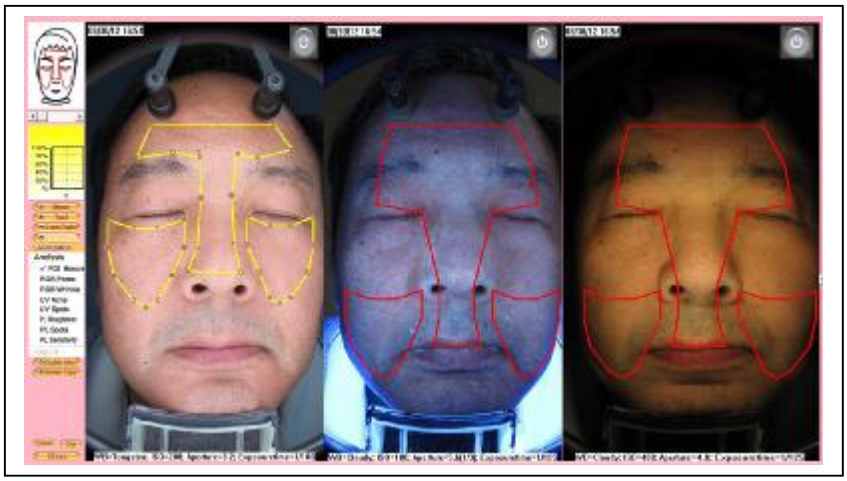

Then, select one node at the yellow line and move to right position à Click "Localizer" again à finish localization.

<Analysis>

Click "Analysis" after Localization, then the system will be called to do moisture test first by VM-10 Moisture Meter. Finish moisture test or one more click "RGB Moisture", you can click "Yes" button as below continue to analysis RGB Pores/RGB Wrinkle/UV Acne/UV Spot/PL Roughness/PL Spot/PL sensitivity, see as below:

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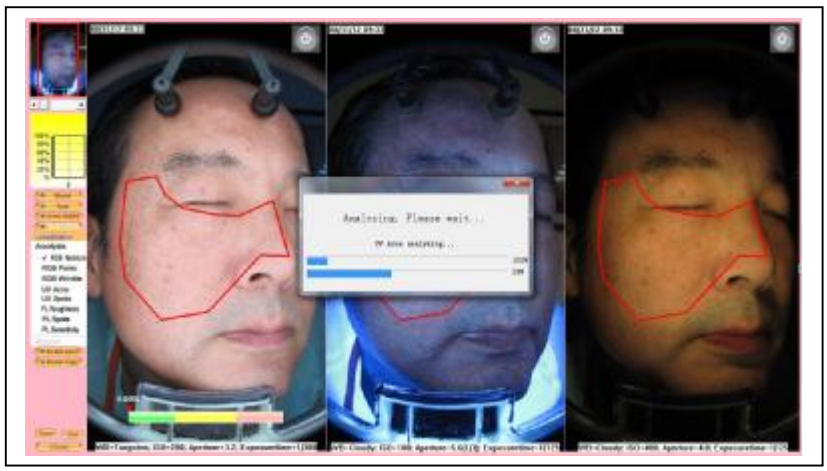
One more click "RGB Moisture" continue to analysis without Moisture test



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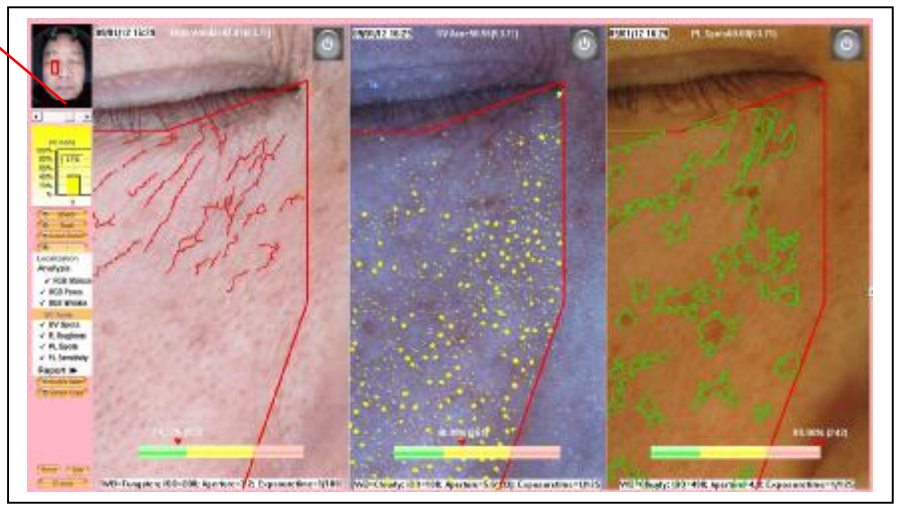
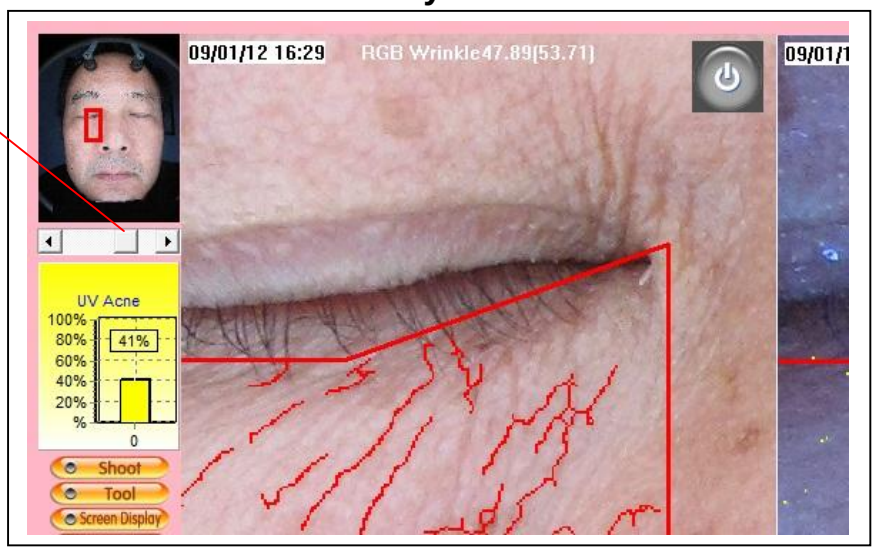
Move button on left or right side.

More detail information by the tool Zoom



More detail information by the tool Zoom

Move button on left or right side.



< Client Report >

Click "Client Report" after analysis.

4-9. Compare

The "Compare" is one of useful tools in 4RSM/4FS, you can see the different results after skin care by "Compare".

Click "Compare" à Select left or right main image and click one of them à yellow square = Selected à choose and click one of small images on left side à Display the image you selected.

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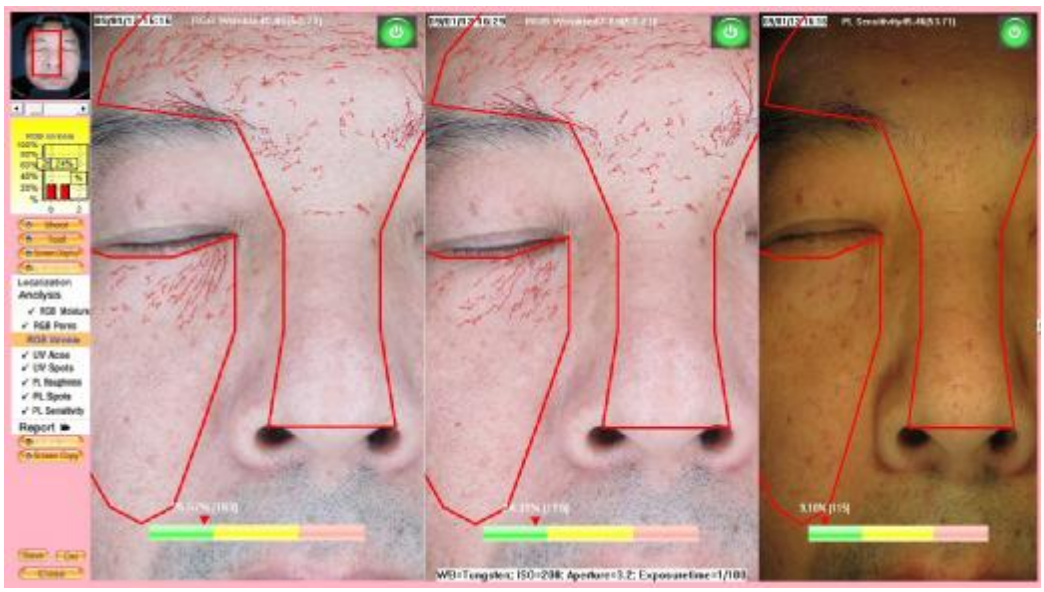

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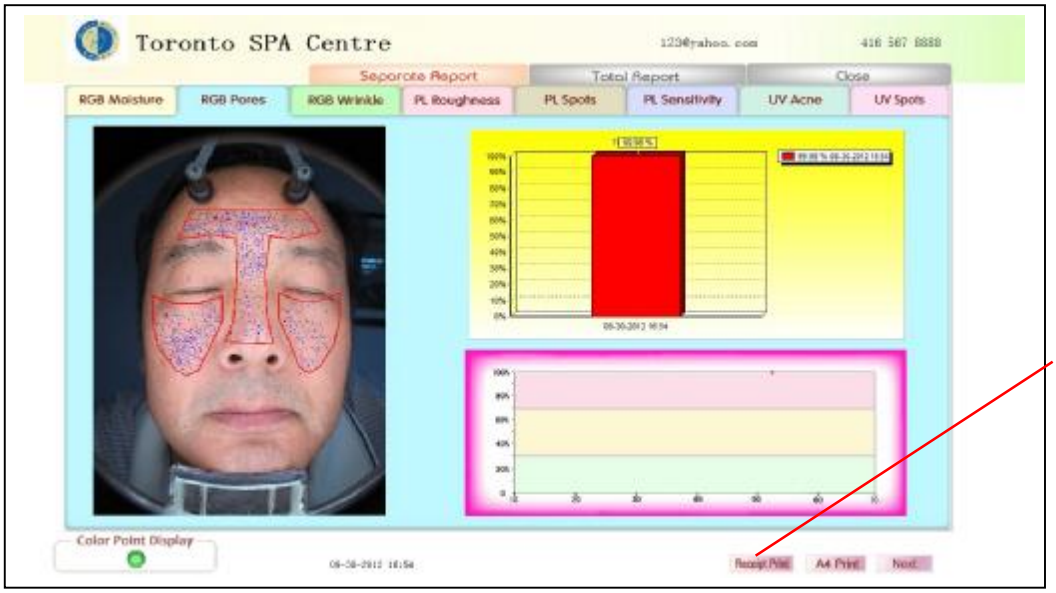
4-10 Recommend report and print report

Click "Client Report" à go to Next page à Report interface



Print receipt report.

Click "Next" on the bottom right à go to recommend report

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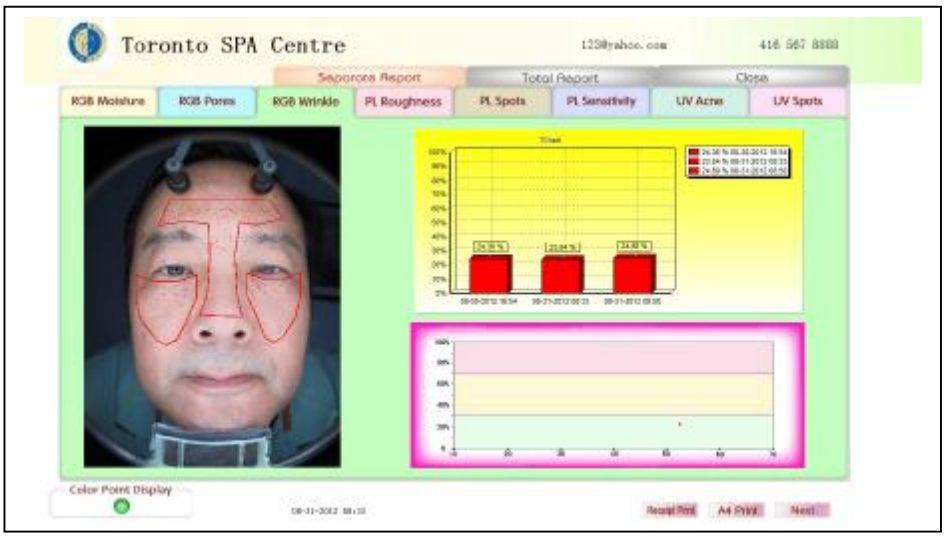
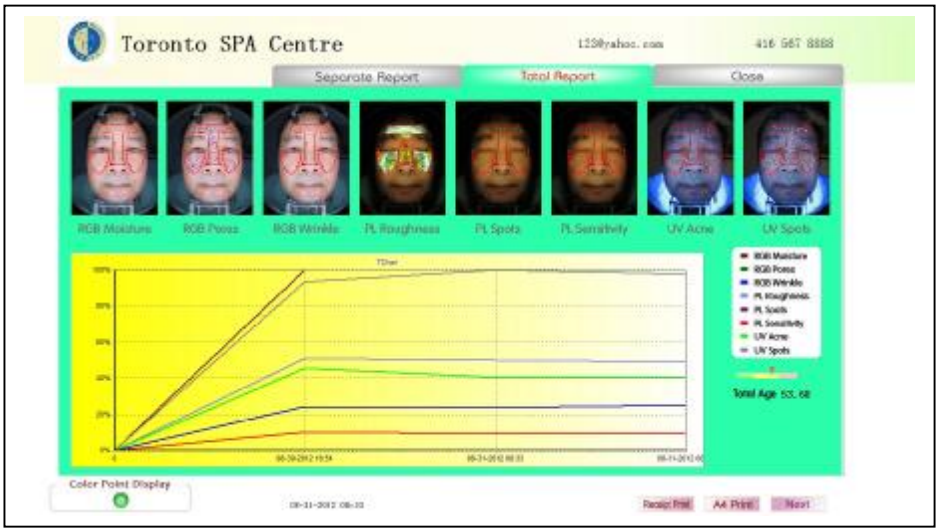
You can modify this recommend report if you want to do this. Click "Add" to increase more products or services, or click "Delete" to reduce someone. You can also do same job on "Description". Click "Print" to print this page, click "Save to recorder" not only save this page, but also save to previous page "Client management".





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4-11 How to get the upgrade version from internet

You can get latest version from our open email: fs.rsm.os@gmail.com, you can call us or email us to get password.

4-12 What is different 4RSM/4FS with 3RSM/3FS?

(A) 3RSM/3FS used one fixed PL lens to set front of Camera's Len(See Photo1 as below). 4RSM/4FS used the program control X-Lens switch system to get very high-quality RGB/UV/PL images(See Photo2,3 as below).

(B) See table as below:

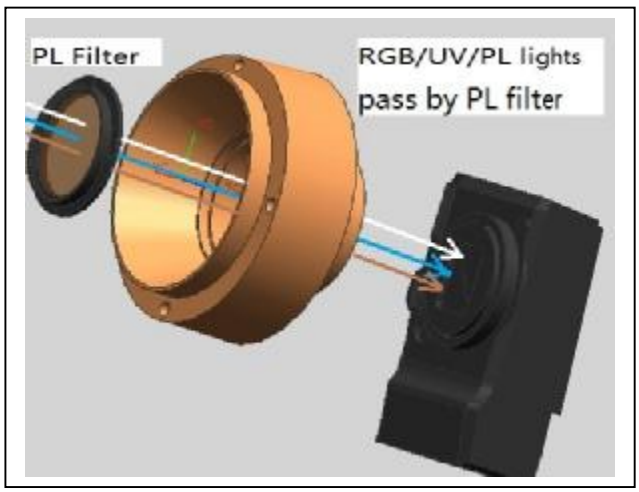

Photo1

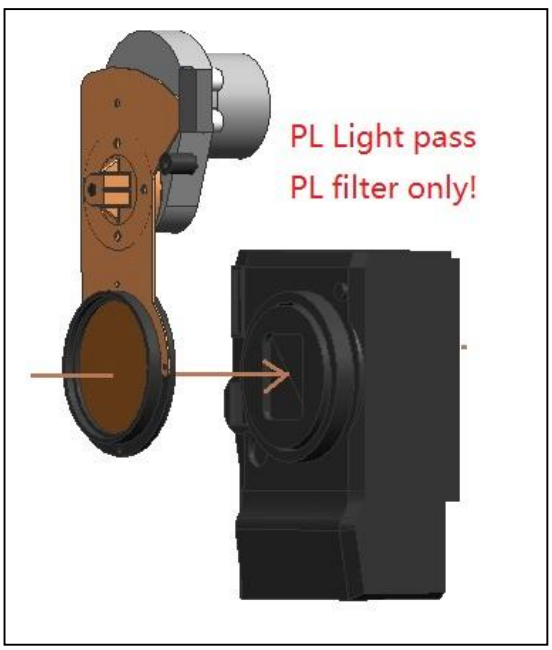

Photo2

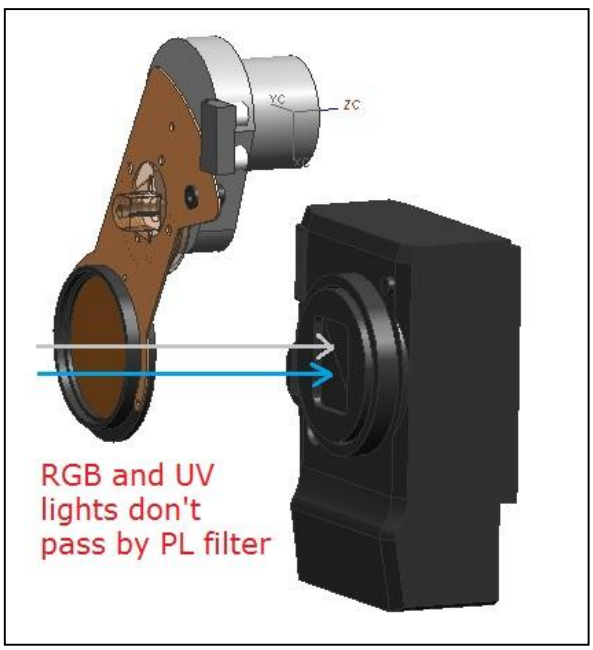

Photo3

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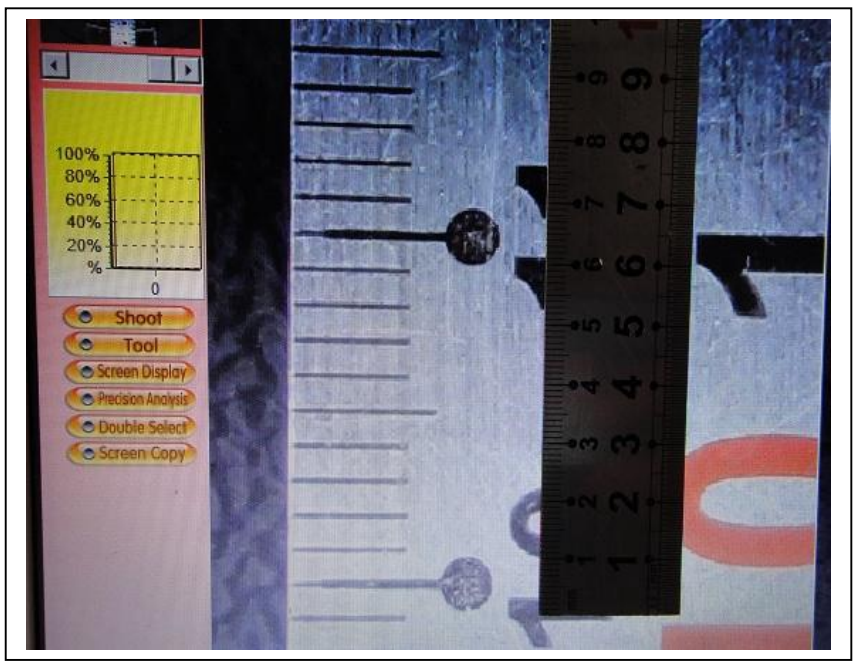
	4RSM/4FS	3RSM/3FS
Lossless High-quality RGB Image	Yes	No
Lossless High-quality UV Image	Yes	No
Lossless High-quality PL Image	Yes	Yes
Receipt Printer	Yes	Option
VM-10 Moisture Meter	Yes	Option
Smart Localization	Yes	Option
Rapid Precision analysis	Yes	Yes
Wide Spectrum LED (WB=6400K)	Yes	No

4-13 How much magnificent power for 4RSM/4FS?

Depend Camera Model and LCD size, Like Canon G10 (15′ LCD display) magnificent power is 600%. See the Photo as below:



4-14 If UV flash is over it still can?

<Answer> Yes, UV flash life time is 12,000-15,000 time, after 15,000 time the flash still can work but light energy is low 60% than before.

4-15 Why RGB, UV and PL used different WB?

<Answer> First of all, you should know what is WB=White Balance! Because Camera focus one white paper need lights, but different light, like cloudy, tungsten…, will appear different color on the white paper. This is

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why the camera's WB SW must be match with light source. We select the best WB for RGB ,PL and UV lights by our doctor experience and feedback from our clients.

4-16 What is "Skin Age"?

The concept of skin age is different with true age. This is a description of the quality of your skin and your actual age of the concept of matching degree. For example, the 18-year-old girl's skin is usually better than the 40-year-old female skin. This does not mean that 40-year-old female skin healthy. So how to explain the 40-year-old female skin quality level? The answer is to use the concept of skin age to be easy to understand. If 40 years old female of her wrinkled skin age is only 38 years old and the spots skin age is 43 years old, you will be easy to "see" what is skin quality of this 40 years old female.
That is why we need to know the client's true age before shoot.

Tips: the software is how to calculate the skin age?
Our software can precision analysis the quantity of spots by limit zone, but also calculate the size of each spot and all to gain spot as follows:
Spot density = sum of all spots / Limit zone X gain % à
à get result and level à get a △Valve à
Skin age= True age +/- △Valve

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